

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. : 10/602,464 Confirmation : 3975  
Applicant(s) : Masahiro KAWAGUCHI  
Filed : June 23, 2003  
Title : NUCLEIC-ACID PROBE SUBSTRATE, SYSTEM FOR TEMPERATURE  
CONTROL OF THE SUBSTRATE, AND GENE DETECTION METHOD  
MAKING USE OF THE SAME

Art Unit : 1634  
Examiner : FORMAN, Betty J.

Docket No. : 1232-5069  
Customer No. : 85775

**AMENDMENT AND RESPONSE UNDER C.F.R. §1.111**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is filed in response to the Office Action dated October 10, 2008.

Reconsideration of this application is respectfully requested in light of this paper, which is set forth as follows:

- **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.
- **Remarks** begin on page 7 of this paper.